

**HI OLEIC SUNFLOWER OIL
CERTIFICATE OF ANALYSIS
LOT#2291**

CHARACTERISTICS	RESULT	SPECIFICATIONS	METHOD
Physical features:			
Color R	0.7R	Max. 2.5R	Lovibond
Flavor	Pass	Bland	Sensory
Free fatty value %	0.06	Max. 0.5	ISO 660:2009
Iodine value	87.8	78-92	ISO 3961:2009
Peroxide value	<1	Max. 10	ISO 3960:2007
AOM Stability hrs.	Pass	Min. 35	AOCS Cd 12-57
Cold Test hrs	Pass	Min. 10	AOCS Cc 11-53
Smoke Point F°	Pass	Min. 460	AOCS Cc 9a-48
Fatty acids composition:			ISO 5508:1990
Palmitic acid C16:0	4.7	Max. 5	
Stearic acid C18:0	2.6	Max. 5	
Oleic acid C18:1	80.4	Min. 77	
Linoleic acid C18:2	10.0	5-12	
Linolenic acid C18:3	0.1	Max. 0.5	
Arachidic acid C20:0	0.2	Max. 0.5	
Behenic Acid C22:0	0.8	Max. 1.5	

The Chemistry Store

PO# 03182013

Item# Sunflower Oil HO

1 x 440.9 Lb Drum

Manufacture Date: 04/13

Expiration/Retest Date: 2 Years +*Expiration date is based on storage in sealed unopened drums at room temperature (approx. 68°F) under nitrogen blanket.

*Periodic retesting recommended.